

The Joint Solubility of Magnesium and Gallium in  
Aluminum, by K. A. Bol'shakov, P. I. Fedorov, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 12, 1961,  
pp 2727-2731.

Cleaver-Human Press Ltd.

Sci

Oct 62

213,930

Zone Melting of Acid Tungstates, by  
P. I. Fedorov, M. P. Mokhosoyev, 5 pp.  
RUSSIAN, per, Tsvetnye Metally, Vol III,  
No 3, 1962, pp 61-66.  
Primary Sources

Sci

Jul 64

263,770

Interaction of Gallium Chloride With the Chlorides  
of Lithium, Potassium, Ammonium, Cesium, and  
Thallium. Part I, by P. I. Fedorov, V. V. Tsimbalist,  
9 pp.  
RUSSIAN, per, Zhur Neorgan Khim, Vol IX, 1964,  
pp 1676-1680. 9227069  
AEC-ANL-Tr-104

Sci-Chem  
Aug 65

286,369

The Interaction of Gallium Chloride With the Chlorides of Zinc, Cadmium and Mercury, by P. G. Fedorov, V. V. Taimbalist, et al, 5 pp. RUSSIAN, per, Zhur Neorgan Khim, Vol IX, 1964, pp 1691-1693. 9226965  
SEC-ANL-Tr-105

87

*P. I. Fedorov*

Sci-Chem  
Aug 68

286,370

Thermory System from the Chlorides of  
Sodium, Nickel and Cobalt, by K. A.  
Bolshtakov, P. I. Fedorov, G. D. Agashkina.  
RUSSIAN, per. Khimicheskii Zhurnal  
Moskva, Vol. 1, 1970, pp 1801-5  
ML 113-331

*P. I. Fedorov*

327, 327

Sci - Chem  
Jul 67

The Ternary System of Selenium, Cobalt and Nickel  
Chlorides, by K. A. Mal'shchov, P. I. Fedorov,  
7 pp.

RUSSIAN, pt, Zhur NIK Zhurgen Khm, Vol III, No 8,  
1958, pp 1891-1895.

ABC-72-4456  
PL-480

Sci  
Jun 62  
PST 378

200,140

II. The Ternary System of Sodium, Cobalt and Nickel  
Sulfates, by L. A. Dol'ginov, P. I. Fedorov, 6 pp.

RUSSIAN, *izv. Akad. Nauk SSSR, Ser. Khim. Nauk*, Vol. III, No 8,  
1958, pp 1896-1900.

ARC-27-4456  
PL-480

Sol  
Jun 62  
PST 378

200,131

Fusion Diagrams of the Binary Systems Sodium  
Chloride-Cobalt Chloride and Sodium Chloride-Nickel  
Chloride, by K. A. Bol'shakov, P. I. Fedorov, G. D.  
Agashkina, 6 pp.

RUSSIAN, pp. 1115-1118.  
Zhur Neorgan Khim, Vol II, No 5, 1957.

AHC-tr-4055  
PL-480

155,312

Sci

PSI 82

The Thorium Sulphate-Sodium Sulphate-Water Ternary  
Systems, by Chung Huang-Pang, P. I. Fedorov, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol. VI, No 4, 1 (61),  
pp 971-976.

Cleaver-Hume Press

Sci  
Jun 68

The Antimony-Iron-Sulphur Ternary System. A  
Contribution to the Theory of Precipitation Smelting  
of Antimony, by G. G. Urazov, K. A. Bol'shakov,  
P. I. Fedorov, I. I. Vasilevskaya, 4 pp.

RUSSIAN, per, Zhur Zhorgan Khim, Vol V, No 2,  
1950, pp 449-455.

Cleaver-Hume Press

Sci

Nov 60

132, 058

The Ternary Reciprocal System of the Nitrides  
and Sulfates of Sodium and Cobalt, by P. I. ...  
K. A. Hol'shakov, 2 p.

RUSSIAN, part, Zhur Neorg Khim, Vol IV, No 2, 1959,  
pp 392-397.

Clearer-Hume Translation  
London

S  
Sci - Chem  
Jan 60

106,528

The Ternary Bismuth - Iron - Sulphur System (A contribution to the Theory of Precipitation Swelling of Bismuth), by G. G. Urazov, K. A. Bol'shakov, P. I. Fedorov, I. I. Vasilovskaya, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 3, 1960, pp 630-636.

(Clever- Home Press

Sci

Oct 60

1301139

Fedorov, P. L., and Shakhova, M. N.  
THE SATURATION VAPOR PRESSURE OF CUPROUS  
BROMIDE AND CHLORIDE. [1962] [5]p. 14 refs.  
Order from OTS or SLA \$1.10 63-13715

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeni.  
Khimiya i Khimicheskaya Tekhnologiya (USSR) 1961  
[v. 4] no. 4, p. 550-553.

DESCRIPTORS: \*Bromides, \*Chlorides, \*Copper com-  
pounds, \*Vapor pressure, Molecular association.

The boiling-point method and the saturation method were  
used to determine the saturation vapor pressure of  
copper bromide in the 400° to 800°C range. Comparison  
of the experimental data obtained by these two methods  
indicates that cuprous bromide is present in the vapor  
as the trimer  $Cu_3Br_3$  at temperatures above 450°C.  
Below this temperature further association of the  
(Chemistry--Physical, TT, v. 10, no. 3) (v. 10)

63-13715

I. Fedorov, P. L.  
II. Shakhova, M. N.  
III. Translations, New York

Office of Technical Services



On the Correlation of the Terraces of the Lower and  
Middle Volga with the Terraces of the Caspian, by  
P. V. Fedorov, Yu. M. Vasilyev, 3 pp

RUSSIAN, Izv. Akad. Nauk SSSR, Vol CXXXIII, No 2,  
1960, pp 442-445.

AGI

Sci

Aug 61

163, 839

Ancient Shorelines of the Black Sea Along the  
Caucasian Coast, by P. V. Fedorov, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geolog, No 2,  
1960, pp 56-64.

AGI

Sci

167, 215

Sep 61

Some New Data on the Usunlar Deposits of the  
Caucasian Coast of the Black Sea, by P. V.  
Fedorov,

RUSSIAN, per, Dok Ak Naok SSSR, Vol CXIVII, No 4,  
1959, pp 862-864.

AGI

Sci

Jun 61

152,251

New Data on the Stratigraphy of New-Caspian  
Deposits in Western Turkmen, by P. V. Federov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 6,  
1957, pp 1342, 1343.

Consultants Bureau

Sci - Geophysics  
Jun 58

66,728

FEDOROV, P. V.

"On the Apcheronian Pleistocene in the  
Western Piedmontite Region of the  
KOPET-DAG."

(R. LII), No 2, 46, 143

A. 2422

Motion of Space Vehicles in the Solar System, by  
S. G. Aleksandrov, R. E. Fedorov.

RUSSIAN, bk, Sovetskiiy Sputniki i Kosmicheskiye  
Korabli, 1961.

NIL Ref: 5207 1962 (1029)  
(Loss)

Sci - Earth Sci. & Astron  
Jul 63

238,141

21

Study of the Systems Sodium Sulfate -- Cobalt Sulfate  
and Sodium Sulfate -- Nickel Sulfate, by K. A. Bolshakov  
and E. I. Fedorov, 4 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,  
No 2, 1956, pp 348, 349. CIA 9007072 C, Reel  
No 64

Consultants Bureau

41,675

Sci - Chemistry  
Dec 56 CTB

ARTIFICIAL SATELLITE AND ROCKET OBSERVATIONS,  
BY S. G. ALEKSANDROV AND R. YE. FEDOROV,  
6 PP.

RUSSIAN, BK, SOVETSKIYE SPUTNIKI I KOSMICHE-  
SKIYE KORABLI, MOSCOW, 1961, PP 252-256.

JPRS 15805

SCI-SP RESEARCH  
NOV. 62

215,091

Soviet Satellites and Space Ships, by S. G. Aleksandrov, R. Ye. Fedorov, 179 pp.

RUSSIAN, bk, Sovetskiye Sputniki i Kosmicheskiye Korabli, Moscow, 1961, pp 125-144, 185-256, 395-426.

JPRS 15805

Sci - Sp Research

Nov 62

217,356

APPENDIX 2 THERMUM 7, BY S. G. ALEX-  
SANDY AND R. VL. FISHOV, 49 PP.

RUSSIAN, ON, SOMETIMAYE SPUTNIKI I NEOMICHESKIYE  
KORAZLI, MOSCOW, 1961, PP 395-426.

JPRS 19805

SCI-SP RESEARCH  
NOV. 62

215,092

STUDY OF THE UPPER ATMOSPHERE AND OUTER  
SPACE, BY S. G. ALEKSANDROV, R. YE. FEDOROV,  
30 PP.

RUSSIAN, BK, SOVETSKIY SPUTNIKI I KOSMICHESKIYE  
KORABLI, MOSCOW, 1961, PP 125-144.

JPRS 15805

SCI-SP RESEARCH  
NOV. 62

215,039

X  
ARTIFICIAL SATELLITES AND ROCKETS, BY S. G.  
ALEKSANDROV, R. YE. FEDOSOV, 93 PP.

RUSSIAN, BK, SOVETSKIY SPUTNIKI I KOSMICHESKIYE  
KORABLI, 1961, PP 185-251.

JPRS 15805

SCI-SP RESEARCH  
NOV 62

215,090

Biological Studies on Sputniks II and III,  
3 pp. by S. G. Aleksandrov, R. Ye. Fedorov,

RUSSIAN, monograph, Sovetskiye Sputniki i  
Kosmicheskaia Raketa, Moscow, 1959, pp 157-160.

AP 1256334

USSR  
Astro: Bio; space res.  
Mar 60

110,221

Soviet Sputniks and Cosmic Rockets, by S. G.  
Aleksandrov, R. Ye. Fedorov, 251 pp.

RUSSIAN, bk, Sovetskiye Sputniki i Kosmicheskaya  
Raketa, Moscow, 1959, pp 232 pp. *CIF 6000*

ATIC MCL-418/V

Sci + Space Res

Aug 60

*123,865*

Cosmic Ray Study, by S. G. Aleksandrov, R. Ye.  
Fedorov, 11 pp. UNCL

ROSENMAN, monograph, Sovet Sputniki i Kosmicheskiye  
Raketa, Moscow, 1959, pp 95-105; 152-155, 178-180.

AF 1256362

Sci - Space Res

Feb 60

107,901

A. Operational Requirements for Motor Vehicles  
To Be Produced During 1959-1965, by D. Velikanov;  
B. Restoration of Motor Vehicle Tires by  
Retreading, by H. Mikhaylov, S. Fedorov, & IP  
18

RUSSIAN, per, Avtomat Trans, No 5, 1959, pp  
16-18, 36-41.

ACSI, H-4946

USSR

10,247

Hoob

Damping of Surface Rayleigh Waves, by V. M.  
Arkhangel'skiy, S. A. Fedorov, 6 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 8,  
1961, pp 1122-1131.

ACU

Sol

Feb 62

186,209

The Determination of the Actual Motion of the  
Ground and Its Spectrum From a Seismogram,  
by E. F. Savarenskiy, S. A. Fedorov, et al, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 9,  
1963, pp 1340-1347.

Amer Geophys Union

S<sub>c</sub>1  
Jul 64

262,746

(NY-3001/9)

The Determination of Production Costs in  
Processing Multi-Component Raw Materials, by  
S. Ya. Rachkovskiy, S. A. Fedorov, P. G.  
Pizhanchikov, T. F. Sobolevskiy, 15 pp.

RUSSIAN, per, Tsvetnyye Metally, No 11, 1959,  
pp 65-77.

JPRS 5294

USSR

Econ - Technological  
Sep 60

125,388

Genesis of Oil and Gas Polls in Bashkiria, by  
S. F. Fedorov, K. Ye. Diment, 4 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science  
Sections, Vol CL, No 1-6, May, Jun 1963.

Amer Geol Inst

Sci  
Jul 65

Forest Influences of the Water Balance of Small Basins,  
by S. F. Fedorov.

RUSSIAN, par, Trudy GGI., No 95, 1962, pp 55-100.

\*NTIS TT 71-51009

S. F. Fedorov

July 71

(NY-6502)

The Investigation of Closed Systems Containing a Digital Computer With a Calculation of Quantization by Levels, by I. P. Pal'tov, S. F. Fedorov, 15 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, OTN, Energet i Avtomat. No 3, 1961, pp 82-90.

JPRS 10290

Sol - Engr

173.604

Nov 61

(1374/22-II)

New Surgical Cold Light Mirrors, by G. V.  
Astaf'yev, S. F. Fedorov, 3 pp.

RUSSIAN, par, Voenno-Med Zhar, No 5, 1959.

JPRS 8443

Sci - Med  
Oct 60

130,373

Conditions of Formation of Oil and Gas Deposits  
in a Number of Oil-Bearing Regions of the USSR,  
by S. F. Fedorov, 4 pp.

RUSSIAN, part, Dok Ak Nauk SSSR, Vol CXIX,  
No 2, 1953, pp 1212--.

6

Consultants Bureau

Sci - Geophys

Mar 59

83,043

Opportunities and Methods of Utilization  
of the Achievements of Chemistry in  
Medicine, by M. G. Anan'yev, S. P. Fedorov

RUSSIAN, no per, Voyenno Med Zhur,  
No 11, Moscow, Nov 1958, pp 3-7

US JPRS 1249-W

Sci - Med, Chem

File 59

81,373

Synthesis of Organic Compounds of Phosphorus  
by Reaction Between Phosphoric Anhydride and  
Aluminum Phenoxides, by V. K. Kuskov, S. G.  
Fedorov, S. I. Vol'fkovich, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 7, 1960, pp 1200-1206.

CB

165, 812

Sci  
Sep 61

On the Dynamics of Automatic Systems of Discrete  
Control Containing Conservative or Oscillating  
Links, by S. N. Podorov, 11 pp.

RUSSIAN, paper, Iz Ak Nauk SSSR, OTN, Tekh Kibernet,  
No 3, Sep, Oct 1964, pp 95-99.

JPRS 23636

Sci  
Apr 65

278,587

The Application of the Oscillation Index to the  
Design of Nonlinear Servosystems, by S. M. Fedorov.

RUSSIAN, ptr, Iz Ak Nauk SSSR, Otdel Tekh Nauk,  
Energetika i Avtomat, NO 2, 1959, pp 71-76.

Internatl Phys Index  
Automation Express  
Vol II, No 4

Sci - Phys

Jun 60

120,186

Seismicity and Deep Structure of the Southern  
Part of the Kurile Island Arc, by S. M. Fedotov,  
A. M. Bagdasarova, et al.  
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science  
Sections, Vol CLIII, No 1-6, X Nov, Dec 1963, pp

Amer Geol Inst

Sci  
Jul 65

Vibrational Amplifiers and Their Application in  
Follower Systems, by Ya. E. Gukailo, S. M. Fedorov,  
8 pp.

RUSSIAN, no per, Avtomat i Telemekh, Vol XVII, No 10,  
Oct 1956, pp 921-928.

Consultants Bureau

Sci - Physics  
Feb 58

58, 872

The Application of the Equivalent Transmission  
Function to the Design of Following Systems for  
Combined Control by the Method of Logarithmic  
Frequency Characteristics, by V. A.  
Besevskiy, S. N. Feikrov, 26 pp.

RUSSIAN, in, Trudy Pervogo Mezhdunarodnogo  
Kongressa Mezhdunarodnoy Federatsii po  
Avtomaticheskoy Upravleniyu, Moscow, 27 June-  
7 July 1960, pp 154-166.

JPRS 16043

Sci - Electron, Engr

217,622

Nov 68

The Biological Basis of Phylloxera (Dactylosphaera  
Vitifolii Schin., Homoptera, Phylloxeridae)  
Control, by S. M. Fedorov, 12 pp.

RUSSIAN, par, Entomolog Obozr, Vol XXXVIII, No 1,  
1959, pp 82-97.

AD3

Sci "  
Jan 61.

137,094

On Level Quantization in the Synthesis of  
Digital Automatic Systems, by S. H. Padorov,  
13 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh  
Nauk, Tekh Kibernetika, No 1, 1962.

JPRS 19697

Sci. Bull.  
Jan. 63

The Synthesis of Parallel Corrective Networks  
for Servo Systems by Means of the Logarithmic  
Frequency Response Method, by S. M. Fedorov,  
10 pp.

IZVESTIYA, no per, Avtomat i Telemekh, Vol XVII,  
No 9, Sep 1956, pp 847-852.

Consultants Bureau

Sci - Electronics  
Nov 57

55, 842

Dynamics of Discrete Automatic Control Systems Containing  
Conservative or Oscillatory Elements, by S.M. Fedorov.  
RUSSIAN, pap. Izv Akad Nauk SSSR, No 5, 1964, pp 9-93  
ILL/6015.49 1965 9325

*S. M. FEDOROV*

Sci -  
Aug 67

336,825

Dynamics of Discrete Automatic Control Systems  
Containing Conservative or Oscillatory Elements. by  
S.N. Fedorov.  
RUSSIAN, per Izv.-Akad. Nauk. SSSR, No. 5, 1964  
PP 97-99  
HLL/6015.49 1965 (9523)

S. N. Fedorov

Sci -  
Sep 67

340-023

The Use of Isotopes in the Study of Atomic Mobility  
and Interatomic Interaction in Metals, by E. Z.  
Vintaykin, P. L. Gruzin, S. N. Fedorov,

RUSSIAN, bk, Metallurgiya i Metallovedenie, 1958,  
pp 278-284.

AEC NP Tr-448

Sci - Min/Met  
27 Oct 60

130,799

Changes in Human Morphological Arterioplasty  
With a Lavan Prosthesia, by A. A. Kurygin,  
S. P. Fedorov, et al, 12 pp.  
RUSSIAN, per, Vest Khirurgii, Vol XCII, No 3,  
1964, pp 96-102.  
JPRS 25271

Sci - Med  
Jul 1964

262,648

Some Information on the Distribution of Mature and  
Immature Atlantic-Scandinavian Herring, by S. S.  
Fedorov,

RUSSIAN, per, Fiskets Gang, Vol XLV, No 43, 1959,  
pp 593-596.

Dept of Interior  
SH211, E82, No 226

Sci - Biol  
Sep 60

60-01104  
127,964

Political Organs and Party Organizations in the  
Fight for Accident-Free Flight Work, by S. Ya.  
Fedorov, 3 pp.

RUSSIAN, per, Vest Voz Flot, No 11, 1958, pp 13-19.  
646679

ATIC

Sci - Aero

Jul 59

93, 244

(BF-1327)

On the Role of the Liver in the Metabolism of  
Uric Acid and Allantoin in Radiation Sickness,  
by M. A. Fedorov, ~~V. P. Fedotov~~, V. P. Fedotov.  
7 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 5,  
Sep/Oct 1960, pp 497-500.

JPRS 4345

Sci - Med

139,880

Feb 61

Refining Metallic Lithium, by T. F. Fedorov,  
F. I. Shampay, 10 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, OTN, Metal i  
Toplivo, No 6, 1960, pp 56-60. 9670744

FTD IKL-953/1

Sci - 18in/Metal

165,896

1 Sept 61.

Certain Data on the Ternary Systems Titanium-  
Boron-Chromium, by T. F. Fedorov, N. A. Nedunov,  
6 pp.

RUSSIAN, per, Poroshkovaya Metallurgiya, No 6,  
1(12), 1962, pp 42-49.

CB

Sci  
May 64

259, 269

Physico-Chemical Principles of Vacuum-  
Thermal Treatment of Lithium, by  
T. F. Fedorov, F. I. Shanray, 17 pp.

RUSSIAN, bk, Primeneniye Vakuumnaya v Metal-  
lurgii, 1960, pp 137-142. 9668/71

FED NCL-962/1

Sci - Chem

171,838

20 Oct 61

UNFORGETTABLE SIGNALS, BY V. FEDOROV, 9 PP.

RUSSIAN, PER, RADIO, NO 11, 1961, PP 6-7.

9665954

FTD-TT-62-532

SCI - SPACE RES  
AUG 62

208,000

(SF-1878)

A Discussion of the Proposed Text of the  
Program of the Communist Party of the Soviet  
Union, Broad Use of Chemistry in Agricul-  
ture and Industry, by V. Fedorov, 7 pp.

RUSSIAN, *ny*, Ekono Gazeta, No 2,  
14 Aug 1961, p 3.

JFRB 13261

190,703

USOR  
Econ  
Apr 62

Steps on the Soviet Cosmic Ladder, by  
V. Fedorov.

MUSSELMAN, M., Izvestiya, 15 June 1963.

CIA/TDD XE-1423  
No Foreign Dissem

Set - Petro  
Sept 63  
USID: INTERNAL USE ONLY

344,102

(SF-1879)

Lets Discuss the Projected Program of the Communist  
Party of the Soviet Union, by V. Fedorov, 5 pp.

RUSSIAN, pp, Ekonomicheskaya Gazeta, No 2, 14 Aug 1961,  
p 3.

JPRS 10417

USSR

172,013

Econ

Oct 61

(Soviet)

Chemical Industry in the Soviet Union, by [unclear]  
4 pp.

RUSSIAN, pp, Pravda, 9 Jun 1961, pp 2-3.

JPRS 11093

USER

Secret

Dec 61

(DC-2800/7).

Persistent People Win, by V. Fedorov, *1 p.*

RUSSIAN, np, Sovetskiy Patriot, Moscow,  
12 Jul 1959, p 4.

*\*JPRS - 1600 - D*

USSR

Mil

Sep 59

Effect of Temperature and Air Pressure on the  
Takeoff-Landing Characteristics of Aircraft  
Equipped With Turbojet Engines, by V. Fedorov,  
3 pp, (AP 685420).

Full tr

RUSSIAN, no per, Grazhdanskaya Aviatsiya, No 3,  
Mar 1957, p 17.

*53, 515*

ATIC F-TS-9267/III

Sci - Aero  
Oct 57

Prevention of Aircraft Icing; Results of Ice  
Formation; Thermal, Thermoelectric and Chemical  
means of Deicing or Prevention of Ice Formation  
on Aircraft, by V. Fedorov, 7 pp. (AF 1093562).

RUSSIAN, up, Sovet Aviatsiya, Vol LII, No 2610,  
2 Mar 1957, p 1.

ATIC F-TS-9227/V

Sci - Aeronautics  
Jul 57

49,297

(NY-5083)

How Three Different Local Industry Plants in  
Leningrad Operate, by V. Fedorov, N. Akridov,  
B. Kuleshov, et al, 4 pp.

SUBSTAN, np, Leningrad Pravda, 14 Jun 1961.

JPRS 11565

FROM  
From  
Jan 62

178,542

(NY-3000)

Let Us Build a Giant Chemical Industry,  
by V. Fedorov, 7 pp.

RUSSIAN, np, Pravda, 9 Jun 1961.

JPRS 10005

USSR

168,102

Econ

Sep 61



Photoplates With Thick Coats of Emulsion, by V. Fedorov.

Full translation.

RUSSIAN, per, Uspek Fiz Nauk, Vol LXXXIV, No 3, USSR, 1948, pp 450-452.

AEC Tr 1278

Scientific - Physics

JWH 52 CTS

DEX

Jet Transport Aircraft, by V. Fudorov, 5 pp.

RUSSIAN, per, Grazhdanskaya Aviatsiya, No 4,  
1956, p 20-23, Encl to IR-1663-~~56~~ 56, AFORN-1A1.

AF 1022820

39,417

SCI - Aeronautics  
Oct 1956 CTS/dax

The Magnetic Mass-Spectrometer in Combination With a  
Wilson Cloud Chamber, by A. Alikhanyan, V.  
Kirillov-Ugryumov, N. Shostakovich, V. Fedorov

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XXII,  
No 2, 1953, p 255.

NBF Tr 182

Scientific - Physics  
CTS/DEX

9397

Steps on the Soviet Cosmic Ladder, by  
V. Fedorov.

RUSSIAN, m, Izvestiya, 15 June 1963.

CIA/FDD XX-1423  
No Foreign Dissem

Sci - Aero  
Sept 63  
USIB Internal Use Only

CIVILIAN UNREST ON A NATIONAL SCALE, BY V.  
FEDERAL, 6 PP.

RUSSIAN, FOR, AGITATOR, 20 OCT 1963, PP 6-10.

JPS 2201

UNDER  
ECON  
REC 63

24,873

Toxic Chemical Agents of the US Army, by Candidate of  
Chemical Sciences, by V. Fedorov, Ye Semenov, 5 pp.

RUSSIAN, per, Voyenny Vistnik, No 6, 1962.

ASCI IO424 F  
ID 2191532

Sci  
Nov 62

216,610

Production of Machines and Equipment For the Control  
of Pests and Diseases of Agricultural Crops in the  
First Postwar Five-Year Plan and Production Prospects  
for the Second Postwar Five-Year Plan, by V. A. Fedorov.

RUSSIAN, per, Vses Akad Sel'skokhoziaistvennykh Nauk  
imeni V. I. Lenina, Sektsiya Zashchity Rasteniy, Trudy,  
Vol XXI, 1953, pp 12-14. CIA D 450422

USDA

USSR

Scientific - Chemistry; Biology

34,198

From ~~\_\_\_\_\_~~  
May 56 CTB/dex

Optimum Detection of a Radar Signal When Several  
Receiving Channels Are Used, by V. B. Fedorov, 9 pp.

RUSSIAN, part, Radiotekhnika, Vol XVII, No 9,  
1962.

AIEE

Sci

Jun 63

233,328

Investigation of the Line width and Shape in the  
Paramagnetic Resonance Spectrum of the Cr<sup>3+</sup> Ion  
in Corundum Single Crystals, by A.A. Manenkov, V.B.  
Fedorov, 4 pp.

RUSSIAN: *paper*, Zhur Ekspor i Teoret Fis, Vol  
XXVIII, No 4, 1960, pp 1042-1046.

AIP  
Sov Phys - JETP  
Vol XI, No 4

Sci  
Nov 60

132, 862

A Contribution to the Study of Green Sulfur Bacteria  
of the Genus Chlorocidium, by V. N. Shaposhnikov,  
E. N. Kondrat'yeva, V. D. Fedorov, 7 pp.

RUSSIAN, par, Mikrobiol, Vol XXVII, No 5, 1958,  
pp 529-535.

Amer Inst of Biol Sci

Sci - Biol

May 59

87,842

A Study of Heterophorous Metabolism of the Green  
Photosynthesizing Sulfur Bacterium in Relation  
to Carbon Dioxide Fixation, by V. H. Shaposhni-  
kov, V. D. Fedorov, 220 pp

7

RUSSIAN, per, *Biokhimiya*, Vol XXV, No 3, 1960;  
pp 487-495.

CP

140, 748

Sci-  
Feb 61

NY-1935

The Utilization of Ores in the USSR, by  
V. F. Fedorov, A. V. Troitskiy, 8 pp.

RUSSIAN, per, Gornyy Zhurnal, No 9, Moscow,  
Sep 1958, pp 3-6.

US JPRS/NY-L-525

Sci - Min/Met  
Dec 58

78, 371

TIB/S.I.4 T 2144

Heat-Flow Transducers, by O. A. Gerashchenko, V. O.  
Fedorov, 13 pp.

RUSSIAN, bk, Peredovoy Nauchno-Tekhnicheskiy i  
Proizvodstvennyy Opyt, Tema 34, No P-58-80/6, 1958  
pp 3-11.

OIS 60-51089  
PI-400

Sci - Engr.

May 62

PBT 391

*198, 301*

PROBLEM OF INVESTIGATING HEAT EXCHANGE BETWEEN WALL  
AND GRANULAR MATERIAL, BY V. G. FEDOROV, O. A.  
GERASHCHENKO, 6 PP.

RUSSINN, BK, TEPLOOBMIN TA HIDRODYNAMIKA, 1959,  
PP 68-72. 9678380

FTD-TT-62-765

SCI - ENGR  
11 OCT 62

212,355

Regenerative Amplifier-Converter Using  
Diodes With Non-Linear Capacitance, by V. P.  
Tychinskiy, V. G. Fedorov, P. I. Savilov,  
4 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol V,  
No 4, 1960, pp 677-679.

pp

109, 506

Sci.

AUG 61